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Commissioner for Patents  
Washington, D.C.

On

*April 8, 2003*

TOWNSEND and TOWNSEND and CREW LLP

By:

*Krista A. Holliman*

PATENT  
Attorney Docket No.: A6378/T45500  
AMAT Ref. No.: 006738 USA/TCG/PMD/JW  
TTC No. 016301-045500US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KARTHIK JANAKIRAMAN et al.

Application No.: 10/057,280

Filed: January 25, 2002

For: GAS DISTRIBUTION  
SHOWERHEAD

Examiner: JEFFRIE ROBERT LUND

Art Unit: 1763

RESPONSE TO OFFICE ACTION  
Mailed October 8, 2002

#19 A  
4/18/03  
mm

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 8, 2002, please enter the following amendments and remarks. A petition for a three month extension of time to respond is filed herewith.

AMENDMENTS

**In the Drawings:**

Please amend Figure 1A in the manner shown in red in the replacement drawing sheet attached hereto.

**In the Specification:**

Please amend paragraph [55] of the specification to read as follows: